

**REMARKS/ARGUMENTS**

Reconsideration of this application is respectfully requested.

As requested, the drawings have been amended so as to avoid minor informalities.

The Examiner's notation with respect to the specification listings not complying with regulations that would actually require consideration of such disclosed prior art is appreciatively noted. It presently appears to the undersigned that such references are included in the specification merely to assist the later reader with respect to understanding and using the invention -- while not being particularly pertinent to the claimed distinction thereover. If and when the undersigned comes into possession of a copy of such documents, they will be promptly submitted in accordance with the regulations applicable for that time of prosecution.

The rejection of claims 1-10 under 35 U.S.C. §101 is respectfully traversed.

The only objection made by the Examiner is an allegation that there has been no disclosure of any "practical application" to the claimed subject matter. The Examiner alleges that "quantification of the earth's surface area heat flow" and "evaluation of the thermal state for related oil and natural gas" are governed by a thermodynamics law of nature.

Actually, although various known and/or unknown laws of nature may well be responsible for heat flow through and within the earth's surface area and/or internal volumes, such laws of nature do not provide any known "quantification" of such heat flow. The applicant has attempted to find a quantifiable model of such underlying laws of thermodynamics with respect to the earth and its various temperature/thermal characteristics. However, the underlying

SRIVASTAVA et al.  
Appl. No. 10/813,436  
October 7, 2005

laws of nature have not yet provided such a quantification or method for quantification. Neither do the thermodynamics laws of nature (either known or unknown) evaluate the thermal state of related oil and natural gas deposits or the like.

Obviously there are practical applications for man-made models that can be used to provide some approximate quantification for such things. Indeed, as explained in the specification (e.g., see pages 8 and 9), the applicant's invention has practical applications and determination of oil fields, crystallization of minerals, tectonic studies and the like.

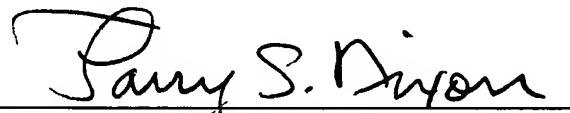
The format of the claims has been amended slightly so as to require inputting and outputting steps which should clearly put the claimed subject matter within the statutory realm of 35 U.S.C. §101.

Accordingly, this entire application is now believed to be in allowable condition and a formal Notice to that effect is respectfully solicited.

Respectfully submitted,

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SRIVASTAVA et al.  
Appl. No. 10/813,436  
October 7, 2005

### **AMENDMENTS TO THE DRAWINGS**

Proposed drawing corrections are shown in red on an attached photocopy of the originally filed drawings. A proposed replacement page is also attached for each sheet of corrected drawings.

Attachment: Replacement Sheet(s)  
Annotated Sheet Showing Changes



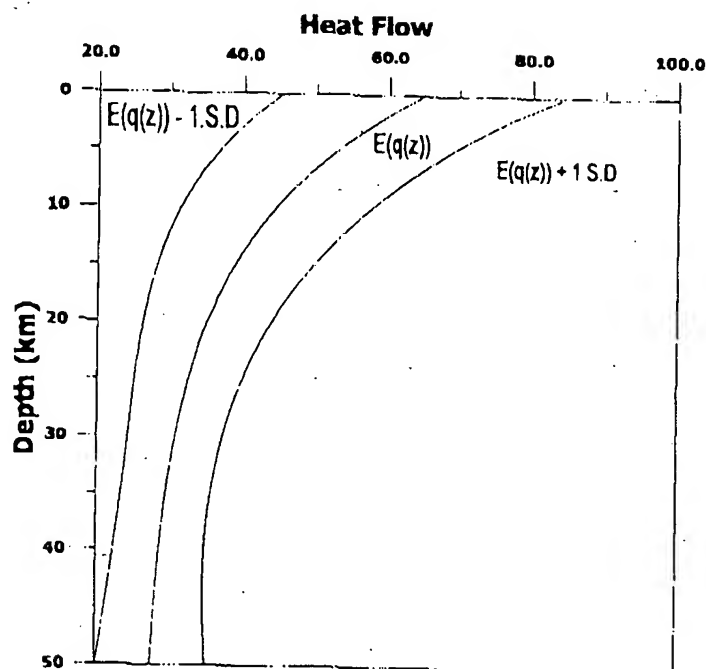
PROPOSED DRAWING AMENDMENTS  
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Sheet No.

Patent Application No.

No. of Sheets



APPLICANTS

Fig 1

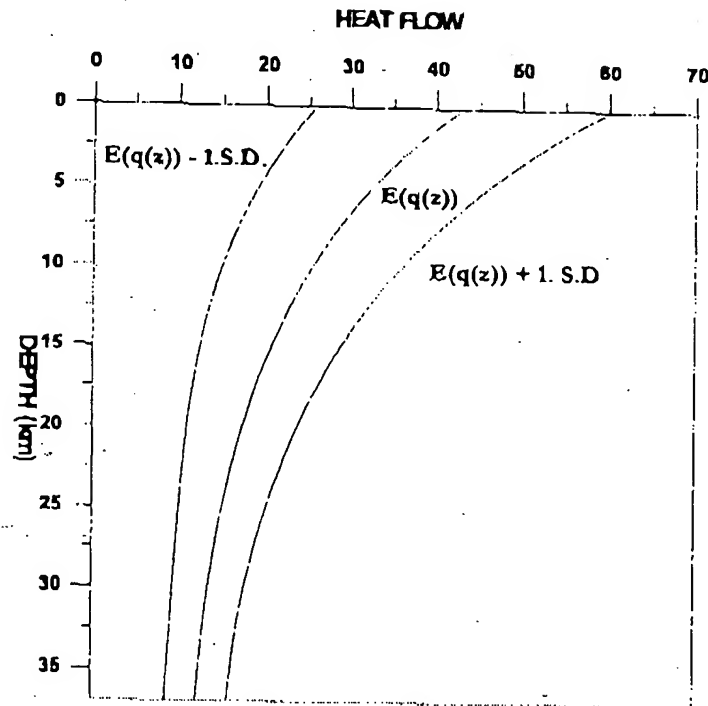
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FOR SN 10/813,436

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Patent Application No.:

Sheet No.

No. of Sheets:



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Fig 2

FLOW CHART OF THE PROCEDURE

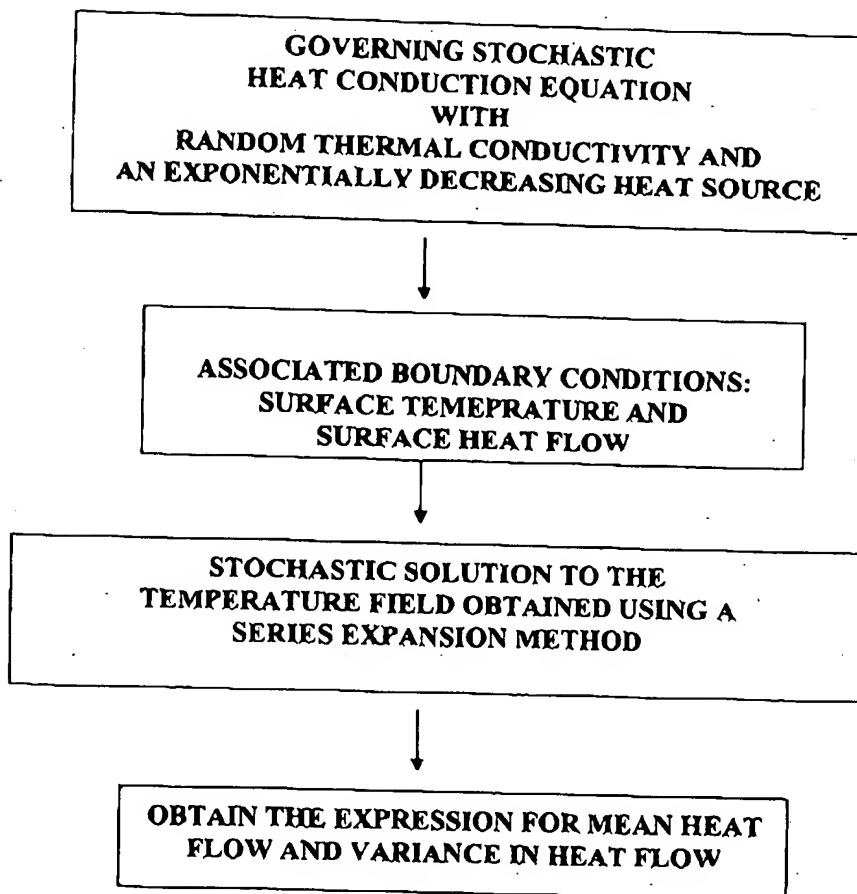


FIG. 3.